

Pages:FT - 07

[\[Abstract\]](#) [\[PDF Full-Text \(192 KB\)\]](#) IEEE CNF

51 Analysis on giant magnetoresistive characteristics of synthetic antiferromagnet-based spin-valves with modified pinned layers*Jeong-Suk Park; Seong-Rae Lee; Young Keun Kim;*

Magnetics Conference, 2003. INTERMAG 2003. IEEE International , 28 March-3 April 2003

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[\[Abstract\]](#) [\[PDF Full-Text \(170 KB\)\]](#) IEEE CNF

52 Dynamics over 4 GHz of spring-magnet type NiFe/CoFe bilayers with high permeability*Le Gall, H.; Youssef, J.B.; Vukadinovic, N.; Ostorero, J.;*

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[\[Abstract\]](#) [\[PDF Full-Text \(224 KB\)\]](#) IEEE CNF

53 Analysis of GMR profiles in dual spin-valve structure using triple domain model*Dong Young Kim; Kim, C.G.; Lee, S.S.; Hwang, D.G.; Lee, J.K.;*

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54 A tunneling magnetoresistance sensor overlaid with a longitudinal bias stack in a read region*Tsann Lin; Mauri, D.; Ty Chen; Wolfman, J.;*

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55 Spin valves with cobalt-ferrite pinning layers*Carey, M.J.; Maat, S.; Farrow, R.; Marks, R.; Nguyen, P.; Rice, P.; Kellock, A.; Gurney, B.A.;*

Magnetics Conference, 2002. INTERMAG Europe 2002. Digest of Technical Papers. 2002 IEEE International , 28 April-2 May 2002

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56 CPP sensors with an enhanced MR using laminated FM layers*Wu, Y.H.; Li, K.B.; Guo, Z.B.; Qiu, J.J.; Han, G.C.; Chong, T.C.;*

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57 Quasi-static and dynamic analysis of spin valve tape heads with synthetic free and pinned layers vs. heads with a conventional free layer and a synthetic pinned layer

Veloso, A.; Freitas, P.P.; Dee, R.H.;

Magnetics Conference, 2002. INTERMAG Europe 2002. Digest of Technical Papers. 2002 IEEE International , 28 April-2 May 2002

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[\[Abstract\]](#) [\[PDF Full-Text \(246 KB\)\]](#) [IEEE CNF](#)

58 Antiferromagnet/ferromagnet interface roughness effect on exchange coupling and MR ratio in spin-valve system

Al-Jibouri, A.; Barnes, M.; Hoban, M.;

Magnetics Conference, 2002. INTERMAG Europe 2002. Digest of Technical Papers. 2002 IEEE International , 28 April-2 May 2002

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Magnetics, IEEE Transactions on , Volume: 38 , Issue: 5 , Sept. 2002

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2 Moving of domain walls by spin polarized current

Elliott, R.J.; Chmil, A.I.; Epshtein, E.M.; Gulyaev, Yu.V.; Krikunov, A.I.; Ogrin, Yu.F.; Zilberman, P.E.;

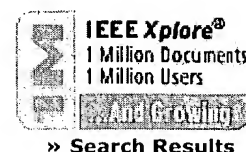
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Ki-Seok Moon; Joo-Chan Kim; Jae-Chul Ro; Shong, E.Y.; Seong Rae Lee; Young Keun Kim;

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2 MR response of PdPtMn/CoFeB synthetic ferrimagnet biased spin-valves

Noma, K.; Aoshima, K.; Kane, J.; Kanai, H.;

Magnetics, IEEE Transactions on , Volume: 35 , Issue: 5 , Sept. 1999

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[\[Abstract\]](#) [\[PDF Full-Text \(232 KB\)\]](#) **IEEE JNL**

3 Non-contact GMR measurements of synthetic spin valves using infrared reflection spectroscopy

Vopsaroiu, M.; Matthew, J.A.D.; McNeill, K.A.; Thompson, S.M.;

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4 Thermal stability of pinned layer in PtMn-based synthetic spin-valve

Nagai, H.; Ueno, R.; Hikami, F.; Sawasaki, T.; Tanoue, S.;

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5 Effect of seed layer on the magnetoresistance characteristics in a-CoNbZr-based spin valves

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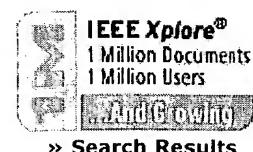
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Lianjun Wu; Engwei Soo; Wang, J.P.;

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2 A new spin-valve magnetic memory cell based on patterned single-domain magnetic multilayer NiFe/Cu/Co

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Device Research Conference Digest, 1998. 56th Annual , 22-24 June 1998

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3 Grain size reduction in Co/Pd multilayer perpendicular magnetic recording media with NiAl as a seedlayer and a pinning layer

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4 Analysis on giant magnetoresistive characteristics of synthetic antiferromagnet-based spin valves with modified pinned layers

Jeong-Suk Park; Seong-Rae Lee; Young Keun Kim;

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5 Low-current blocking temperature writing of double-barrier MRAM cells

Jianguo Wang; Freitas, P.P.;

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6 70% TMR at room temperature for SDT sandwich junctions with CoFeB as free and reference Layers

Dexin Wang; Nordman, C.; Daughton, J.M.; Zhenghong Qian; Fink, J.;

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8 Spin-dependent tunneling junctions with superparamagnetic sensing layers

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Zhengqi Lu; Wendong Wang; Chunlin Chai; Wuyan Lai; Yuankai Zhen;

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Dexin Wang; Daughton, J.M.; Reed, D.; Wang, W.D.; Jian-Qing Wang;

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13 A self-biased spin valve sensor with a longitudinally pinned layer*Suzuki, T.; Matsutera, H.;*

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[\[Abstract\]](#) [\[PDF Full-Text \(272 KB\)\]](#) [IEEE JNL](#)**14 Control of asymmetry of spin valve heads based on micromagnetic analysis***Yamada, K.-i.; Kanai, H.; Uehara, Y.; Toda, J.;*

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[\[Abstract\]](#) [\[PDF Full-Text \(312 KB\)\]](#) [IEEE JNL](#)**15 Thermal stability of spin valve with NiO/ α -Fe₂O₃ bilayer antiferromagnets***Fujikata, J.; Hayashi, K.; Saito, M.; Nakada, M.;*

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16 **Time and temperature dependence of high thermal stability in NiO/Co/Cu/Co/M spin valves**

McMichael, R.D.; Chen, P.J.; Egelhoff, W.F., Jr.;

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19 **Triple-layer perpendicular recording media for high SN ratio and signal stability**

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22 Spin-valve heads utilizing antiferromagnetic NiO layers

*Hamakawa, Y.; Hoshiya, H.; Kawabe, T.; Suzuki, Y.; Arai, R.; Nakamoto, K.;
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23 Micromagnetic analysis of permanent magnet biased narrow track spin-valve heads

Danzhu Lu; Jian-Gang Zhu;

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24 Exchange biasing of oxidized NiFe 81/19

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25 In situ and ex situ observation of spin valves obtained by ion-beam deposition

Guarisco, D.; Kay, E.; Wang, S.X.;

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26 Readout performance of confined-current-path current-perpendicular-to-plane heads

*Tanaka, A.; Seyama, Y.; Jogo, A.; Oshima, H.; Kondo, R.; Kishi, H.; Kamata, C.;
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27 Improved thermal stability of ferromagnetic tunnel junctions with a CoFe/CoFeO/sub x//CoFe pinned layer

Ochiai, T.; Tezuka, N.; Inomata, K.; Sugimoto, S.; Saito, Y.;

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28 Analysis of angular dependent resistance measurements on IrMn-based spin valves using a finite pinning model

Chih-Ling Lee; Shaoyan Chu; Bain, J.A.; McHenry, M.E.;

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29 Moving domain walls by spin-polarized current

Elliott, R.J.; Chmil, A.I.; Epshtein, E.M.; Gulyaev, Y.V.; Krikunov, A.I.; Ogrin, Y.F.; Zilberman, P.E.;

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30 Improved GMR characteristics of specular spin valves by nano-oxide layer formation with mixed gases

Jang, S.H.; Kang, T.; Kim, H.J.; Kim, K.Y.;

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31 Characteristics of spin-valve films with non-magnetic oxide layers for specular-scattering

Mizuguchi, T.; Kano, H.;

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Linville, E.; Morrone, A.; Sining Mao; Sivertsen, J.; Judy, J.;

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34 Structural and microscopic analyses of (α -Fe₂O₃/Co(NiFe)/Cu/Co (NiFe)) bottom GMR spin valves

Bae, S.; Egelhoff, W.F., Jr.; Chen, P.J.; Judy, J.H.;

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[\[Abstract\]](#) [\[PDF Full-Text \(100 KB\)\]](#) IEEE JNL

35 MR characteristics of synthetic ferrimagnet based spin-valves with

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Ki-Seok Moon; Joo-Chan Kim; Jae-Chul Ro; Shong, E.Y.; Seong Rae Lee; Young Keun Kim;

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36 Specularity in GMR spin valves and in situ electrical and magnetotransport measurements

Wang, S.X.; Yamada, K.; Bailey, W.E.;

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37 Enhanced exchange biasing in ion-beam sputtered bottom spin-valve films

Mao, M.; Funada, S.; Hung, C.-Y.; Schneider, T.; Miller, M.; Tong, H.-C.; Qian, C.; Miloslavsky, L.;

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38 [Ni/Mn] superlattice-based spin-valves with high thermal stabilities

Choi, K.L.; Kim, K.M.; Lee, N.I.; Kim, M.Y.; Rhee, J.R.; Lee, S.S.; Hwang, D.G.; Park, C.M.;

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39 Spin-valve films using synthetic ferrimagnets for pinned layer

Meguro, K.; Hoshiya, H.; Watanabe, K.; Hamakawa, Y.; Fuyama, M.; Fukui, H.;

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41 Magnetic and magnetotransport properties in epitaxial FeMn/Py/Cu/Py spin-valve films

Huang, J.C.A.; Tsao, C.H.; Yu, C.C.;

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42 Spin-valve structures with NiO pinning layers

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43 Effect of seed layer on the magnetoresistance characteristics in a-CoNbZr-based spin valves

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45 Spin-valve films using exchange-coupled CrMnPt/Co structure

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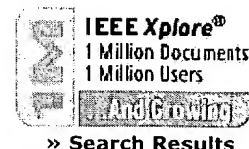
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46 **In-situ magnetoresistance measurements on spin valve elements combined with Lorentz transmission electron microscopy**

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